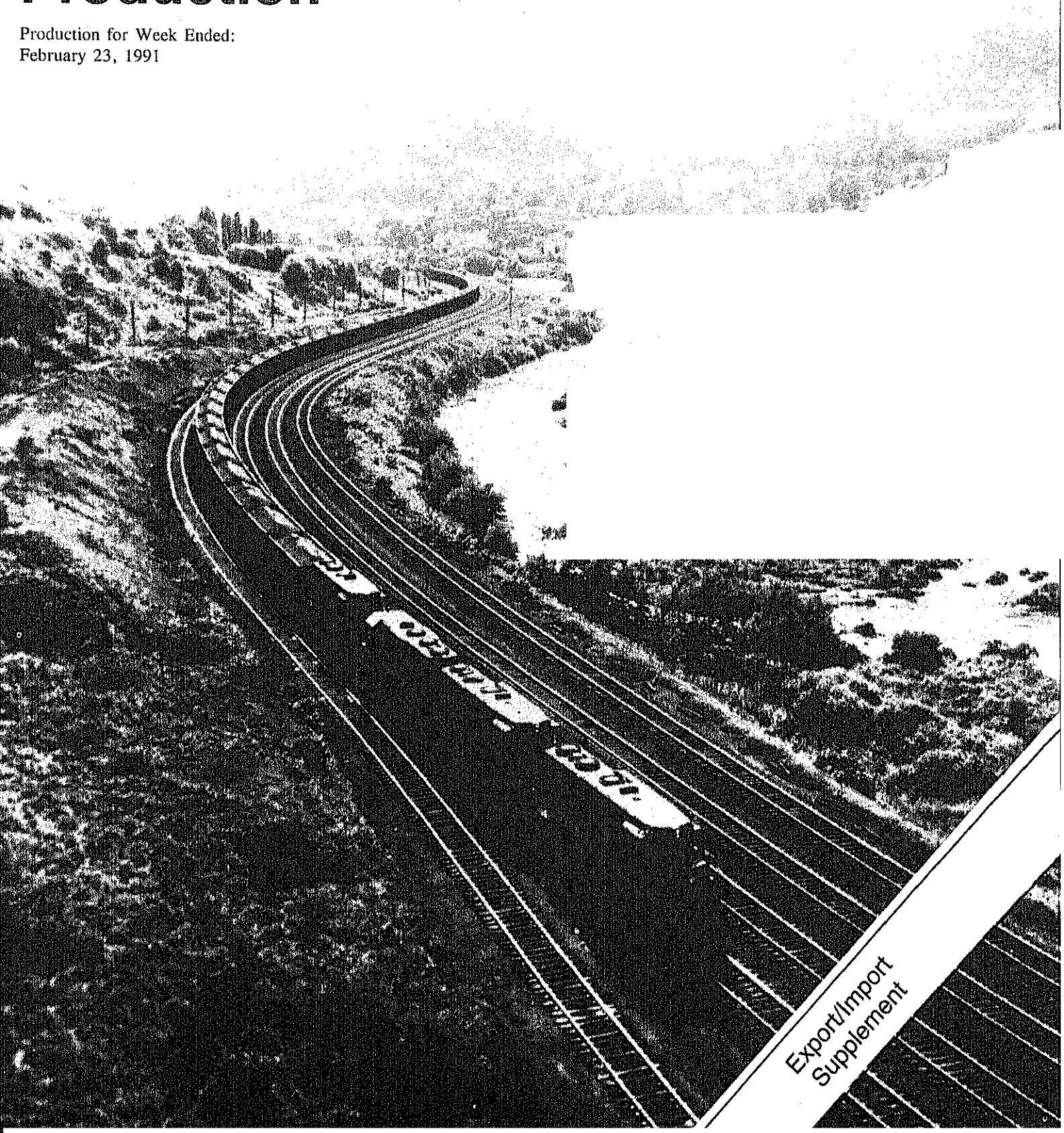
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Weekly Coal Production

Energy
Information
Administration

Production for Week Ended:
February 23, 1991



Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. This week's Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. The Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 and 1989 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988 and 1 to 2 percent for 1989.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 and 1989 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988 and 0.9 percent to 0.14 percent for 1989.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1989*, and *Coal Data: A Reference*.

This publication was prepared by Wayne M. Watson and Michelle D. Bowles under the direction of Mary K. Paull and Noel C. Balthasar, Chief, Data Systems Branch. *Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at 202/586-8800.*

Distribution Category UC-98

Released for printing March 1, 1991

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Summary

U.S. coal production in the week ended February 23, 1991, as estimated by the Energy Information Administration, totaled 21 million short tons. This was about the same as in the previous week, and in the comparable week in 1990. Production east of the Mississippi River totaled 12 million short tons, and production west of the Mississippi River totaled 9 million short tons.

1990 Coal Exports and Imports

U.S. coal exports in December 1990 were 8 million short tons, which brought the total for 1990 to 106 million short tons, the largest amount since 1982. The increase was due chiefly to a 13-percent rise in shipments to Europe. Of the more than 30 countries that imported U.S. coal in 1990, Canada, Japan, and Italy were the three leading destinations, together receiving more than one-third of the total. The 1990 coal exports were valued at $4.5 billion, based on an average price of $42.63 per short ton, about the same as in 1989. Slightly more than one-half of the coal was exported through the Customs District of Norfolk, Virginia, which handled 12 percent more export coal than in 1989. In 1990, coal exports from the United States ranked second to those from Australia.

Steam coal exports in 1990 totaled 42 million short tons, an increase of 19 percent over the amount in 1989. Exports to Canada, the principal destination, rose by 12 percent to 11 million short tons. The increase reflects a stock build-up by Ontario Hydro in anticipation of higher coal-fired generation, partly to offset maintenance-related outages at its nuclear power plants, and purchases of low-sulfur coal from the western United States for test burns. Steam coal exports to Europe rose by 30 percent to 22 million short tons to meet an increase in coal-fired electricity generation. Italy, the Netherlands, and Denmark remained the three principal destinations, together receiving 57 percent of the total. Shipments to Belgium-Luxembourg were more than double and those to the United Kingdom were more than triple the amount in 1989. Steam coal exports to Taiwan, the leading Asian destination, rose by 14 percent.

Metallurgical coal exports in 1990 declined to 63 million short tons. Metallurgical coal remained the mainstay of U.S. coal exports, although its share of the total dropped to 60 percent from 65 percent. Japan continued as the principal destination, accounting for 11 million short tons. This was slightly lower than in 1989, reflecting competition from Australian and Canadian coal in the Japanese steel industry. Metallurgical coal exports to Canada dropped by more than one-third to 4 million short tons, a consequence of a decline in Canadian steel production. By comparison, metallurgical coal exports to Europe rose 5 percent to 37 million short tons. Italy, Belgium-Luxembourg, and France were the principal European destinations for U.S. metallurgical coal, accounting for nearly one-half of the total.

U.S. coal imports in 1990 totaled 2.7 million short tons, 5 percent less than in 1989. Colombia continued as the leading supplier, accounting for 53 percent of the total. Canada ranked second with 36 percent. Total coal imports in 1990 were valued at $93 million, based on an average price of $34.45 per short ton, virtually the same as in 1989.

Figure 1. Coal Production

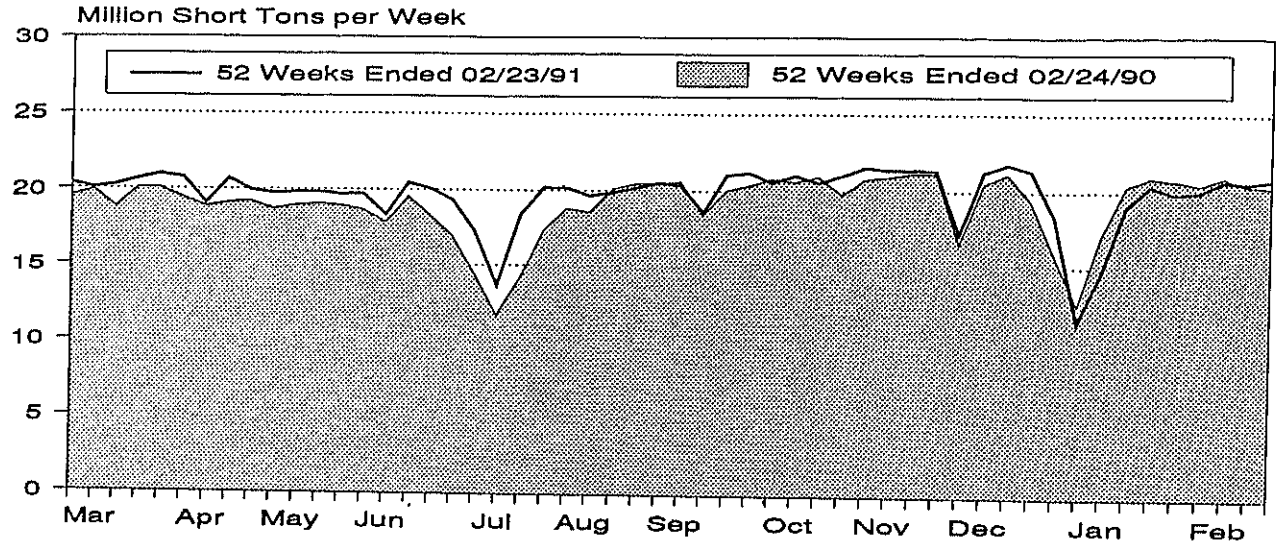


Table 1. Coal Production

Production and Carloadings	Week Ended 02/23/91	Week Ended 02/16/91	Week Ended 02/24/90	52 Weeks Ended 02/23/91	52 Weeks Ended 02/24/90	Percent Change
Production (Thousand Short Tons)						
Bituminous[1] and Lignite	20,773	20,555	20,308	1,024,595	988,567	3.6
Pennsylvania Anthracite	57	52	57	3,070	3,229	-4.9
U.S. Total	20,829	20,607	20,365	1,027,665	991,797	3.6
Railroad Cars Loaded	132,250	130,381	129,751	6,644,323	6,431,363	

[1]Includes subbituminous coal.

Notes: All data are preliminary. Totals may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended 02/23/91	02/16/91	02/24/90
Bituminous Coal[1] and Lignite			
East of the Mississippi	**11,895**	**11,403**	**12,672**
Alabama	543	514	552
Illinois	1,323	1,307	1,346
Indiana	772	731	675
Kentucky	3,171	3,039	3,314
Kentucky, Eastern	2,342	2,242	2,487
Kentucky, Western	829	798	827
Maryland	57	54	70
Ohio	683	648	730
Pennsylvania Bituminous	1,277	1,180	1,588
Tennessee	132	129	134
Virginia	823	803	1,046
West Virginia	3,115	2,995	3,219
West of the Mississippi	**8,878**	**9,152**	**7,635**
Alaska	34	34	29
Arizona	239	236	245
Arkansas	*	*	*
Colorado	461	483	403
Iowa	7	7	7
Kansas	17	17	18
Louisiana	30	80	29
Missouri	45	45	54
Montana	802	838	701
New Mexico	442	481	508
North Dakota	661	690	564
Oklahoma	40	41	41
Texas	1,109	1,095	1,056
Utah	528	540	475
Washington	115	114	96
Wyoming	4,344	4,451	3,408
Bituminous[1] and Lignite Total	**20,773**	**20,555**	**20,308**
Pennsylvania Anthracite	**57**	**52**	**57**
U.S. Total	**20,829**	**20,607**	**20,365**

[1]Includes subbituminous coal.
*Less than 0.5 thousand short tons.
Notes: All data are preliminary. Totals may not equal sum of components because of independent rounding.
Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 3. Coal Exports and Imports, 1981-1990
(Thousand Short Tons and Dollars per Short Ton)

Year and Month	Exports						Imports	
	Metallurgical		Steam[1]		Total			
	Quantity	Average Price[2]	Quantity	Average Price[2]	Quantity	Average Price[2]	Quantity	Average Price
1981	**65,234**	**$57.40**	**47,307**	**$45.92**	**112,541**	**$52.57**	**1,043**	**$28.47**
1982	**64,585**	**61.07**	**41,692**	**49.11**	**106,277**	**56.37**	**742**	**30.40**
1983	**49,964**	**55.49**	**27,807**	**46.18**	**77,772**	**52.16**	**1,271**	**33.59**
1984	**56,975**	**52.41**	**24,508**	**46.77**	**81,483**	**50.72**	**1,286**	**35.37**
1985	**60,313**	**50.46**	**32,367**	**43.92**	**92,680**	**48.18**	**1,952**	**36.04**
1986	**54,977**	**47.81**	**30,541**	**42.60**	**85,518**	**45.95**	**2,212**	**36.02**
1987	**51,679**	**44.49**	**27,928**	**39.60**	**79,607**	**42.77**	**1,747**	**32.04**
1988								
January	3,449	43.00	984	37.58	4,434	41.80	159	28.57
February	3,458	42.81	1,024	41.16	4,482	42.43	162	27.41
March	5,119	42.95	2,026	39.44	7,145	41.96	221	30.34
April	5,901	43.67	3,042	40.04	8,943	42.44	107	27.24
May	4,953	44.98	2,952	39.35	7,905	42.88	224	43.49
June	4,980	44.82	3,073	38.92	8,053	42.57	257	27.96
July	5,445	44.73	2,858	37.22	8,303	42.15	203	25.34
August	5,389	44.94	3,933	37.42	9,322	41.77	205	27.13
September	6,518	44.34	3,547	36.74	10,066	41.66	29	34.35
October	5,621	44.06	3,389	39.08	9,010	42.19	229	25.55
November	5,563	44.70	2,775	38.47	8,338	42.63	207	31.80
December	5,555	44.17	3,469	39.39	9,023	42.33	131	32.63
Total	**61,950**	**44.17**	**33,073**	**38.59**	**95,023**	**42.23**	**2,134**	**29.96**
1989								
January	4,488	43.92	1,818	36.29	6,306	41.72	66	36.14
February	5,298	44.32	1,450	37.14	6,748	42.78	131	31.89
March	6,163	44.17	2,212	36.98	8,375	42.27	334	33.86
April	6,061	44.08	3,042	38.46	9,104	42.20	158	31.46
May	6,303	45.40	3,381	37.40	9,685	42.61	312	32.19
June	5,598	45.82	4,059	38.14	9,657	42.59	218	39.04
July	3,881	45.77	2,328	37.95	6,209	42.84	375	36.65
August	4,925	46.09	3,197	37.30	8,122	42.63	247	33.85
September	5,754	45.94	3,907	37.31	9,661	42.45	303	33.64
October	5,922	45.50	3,371	37.97	9,293	42.77	160	33.20
November	6,026	45.81	3,743	38.05	9,768	42.84	245	31.54
December	4,710	45.65	3,179	37.66	7,888	42.43	303	35.09
Total	**65,128**	**45.19**	**35,687**	**37.64**	**100,815**	**42.52**	**2,851**	**34.14**
1990								
January	4,901	45.72	2,547	37.29	7,447	42.84	175	33.01
February	4,381	45.92	1,862	36.36	6,243	43.07	268	35.91
March	6,254	45.78	2,439	38.36	8,693	43.70	292	35.54
April	4,754	45.95	3,836	38.60	8,590	42.67	182	31.45
				36.50	9,827	42.42	144	34.08
				36.35	9,316	42.47	348	34.65
				35.69	9,194	42.34	200	29.58
				37.57	10,065	42.59	120	35.72
				35.89	10,238	41.76	194	32.31
				36.41	8,756	41.85	284	41.32
				36.88	9,621	42.63	224	32.86
				36.32	7,813	43.67	268	33.40
				36.81	**105,804**	**42.63**	**2,699**	**34.45**

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Monthly Report EM 522."

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Table 4. Coal Exports, December 1990
(Short Tons)

Continent and Country of Destination	December 1990	November 1990	December 1989	Year to Date 1990	Year to Date 1989	Percent Change
North America Total	**803,406**	**1,690,364**	**1,447,502**	**15,858,908**	**16,942,503**	**-6.4**
Canada[1]	796,945	1,647,289	1,446,184	15,511,123	16,776,798	-7.5
Jamaica	-	18,069	722	52,196	53,479	-2.4
Mexico	6,461	4,713	596	210,484	63,288	232.6
Other[2]	-	20,293	-	85,105	48,938	73.9
South America Total	**750,438**	**524,580**	**509,683**	**6,902,258**	**7,384,446**	**-6.5**
Argentina	62,504	75,655	-	640,041	741,589	-13.7
Brazil	659,758	448,839	432,644	5,846,909	5,680,525	2.9
Chile	20,283	-	75,673	376,710	942,929	-60.0
Other[2]	7,893	86	1,366	38,598	19,403	98.9
Europe Total	**4,298,274**	**4,837,125**	**4,440,766**	**58,382,337**	**51,604,263**	**13.1**
Albania	-	27,507	-	178,057	119,820	48.6
Belgium & Luxembourg	647,770	612,692	641,562	8,500,374	7,094,471	19.8
Bulgaria	-	-	96,449	87,955	96,449	-8.8
Denmark	185,519	263,237	306,519	3,187,901	3,177,873	.3
Finland	-	-	-	95,259	103,678	-8.1
France	329,775	540,766	593,997	6,879,103	6,516,708	5.6
Greece	-	-	-	579	213,420	-99.7
Ireland	197,853	78,398	92,025	1,457,655	1,247,574	16.8
Italy	1,313,214	654,092	1,014,732	11,946,574	11,239,582	6.3
Netherlands	500,914	1,079,081	574,400	8,368,556	6,075,999	37.7
Norway	11,506	6,140	9,117	177,100	141,318	25.3
Portugal	69,711	240,901	130,947	1,785,952	1,424,008	25.4
Romania	64,524	69,162	326,910	1,718,132	1,561,713	10.0
Spain	439,994	301,422	250,110	3,791,258	3,339,492	13.5
Sweden	-	81,907	-	865,718	733,740	18.0
Turkey	-	283,725	155,064	2,117,292	1,686,394	25.6
United Kingdom	388,133	419,855	173,585	5,177,402	4,512,953	14.7
West Germany	102,072	348	45,358	1,057,271	744,545	42.0
Yugoslavia	39,411	167,266	29,991	932,636	1,509,934	-38.2
Other[2]	7,878	10,626	-	57,563	64,592	-10.9
Asia Total	**1,859,352**	**2,357,746**	**1,490,291**	**22,725,014**	**22,734,143**	*
China (Taiwan)	209,781	497,445	361,079	4,604,450	4,497,009	2.4
Israel	-	-	-	638,996	487,298	31.1
Japan	1,087,289	1,482,419	827,640	13,337,554	13,845,942	-3.7
Korea, Republic of	562,282	377,776	301,572	3,999,027	3,836,097	4.2
Pakistan	-	-	-	-	60,451	-
Other[2]	-	106	-	144,987	7,346	NM
Oceania & Australia Total	**510**	**97**	**-**	**2,604**	**483**	**439.1**
Africa Total	**101,348**	**211,258**	**-**	**1,932,768**	**2,148,828**	**-10.1**
Algeria	-	171,752	-	479,217	739,818	-35.2
Egypt	101,348	-	-	646,149	585,161	10.4
Other[2]	-	39,506	-	807,402	823,849	-2.0
Total	**7,813,328**	**9,621,170**	**7,888,242**	**105,803,889**	**100,814,666**	**4.9**

*For quantity data, the value of the number is less than 0.5 thousand short tons. For percentage calculations the absolute value of the number is less than 0.05 percent.

NMPercent change calculation not meaningful as value is greater than 500.

[1]Based on the U.S.–Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

[2]Includes countries with exports less than or equal to 50,000 short tons in 1989.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 5. Average Price of Coal Exports, December 1990
(Dollars per Short Ton)

Continent and Country of Destination	December 1990	November 1990	December 1989	Year to Date 1990	Year to Date 1989	Percent Change
North America Total	**$31.13**	**$33.20**	**$41.94**	**$32.71**	**$42.24**	**-22.6**
Canada[1]	30.99	33.16	41.95	32.63	42.30	-22.9
Jamaica	-	30.57	39.92	30.57	30.73	-.5
Mexico	46.18	40.98	37.66	37.55	41.79	-10.1
Other[2]	-	36.37	-	36.42	35.78	1.8
South America Total	**47.46**	**47.36**	**43.46**	**46.26**	**43.86**	**5.5**
Argentina	47.78	45.92	-	45.80	44.54	2.8
Brazil	47.45	47.61	45.74	46.88	45.65	2.7
Chile	-	-	30.41	36.87	30.89	19.3
Other[2]	34.50	34.33	-	35.79	39.61	-9.6
Europe Total	**44.84**	**44.59**	**42.99**	**43.92**	**42.48**	**3.4**
Albania	-	-	-	48.38	43.93	10.1
Belgium & Luxembourg	46.58	44.43	45.58	45.02	43.56	3.4
Bulgaria	-	-	49.44	49.24	49.44	-.4
Denmark	32.79	33.82	35.89	34.37	33.28	3.3
Finland	-	-	-	44.72	42.45	5.4
France	47.18	47.12	39.65	43.00	41.22	4.3
Greece	-	-	-	39.99	36.29	10.2
Ireland	36.29	48.39	33.61	38.54	37.42	3.0
Italy	44.33	46.70	44.60	44.72	43.60	2.6
Netherlands	43.44	42.96	41.57	42.93	40.81	5.2
Norway	-	-	-	-	39.88	-
Portugal	39.69	40.33	35.87	40.80	40.23	1.4
Romania	46.10	44.45	43.84	47.53	45.40	4.7
Spain	49.90	43.65	47.93	46.74	46.07	1.4
Sweden	-	48.15	-	48.20	44.84	7.5
Turkey	-	47.84	43.09	46.13	43.35	6.4
United Kingdom	47.31	48.06	47.82	47.30	45.61	3.7
West Germany	49.28	40.80	45.10	41.61	42.51	-2.1
Yugoslavia	46.68	46.98	43.45	46.11	44.27	4.2
Other[2]	45.00	39.92	-	41.31	42.88	-3.7
Asia Total	**45.00**	**43.11**	**42.45**	**43.32**	**42.17**	**2.7**
China (Taiwan)	39.75	40.40	41.01	38.64	37.79	2.2
Israel	-	-	-	39.42	39.17	.6
Japan	44.85	43.09	42.90	44.26	42.97	3.0
Korea, Republic of	47.24	46.75	42.94	46.38	44.78	3.6
Other[2]	-	40.86	-	38.91	37.27	4.4
Oceania & Australia Total	**-**	**40.97**	**-**	**36.60**	**34.98**	**4.7**
Africa Total	**46.67**	**45.09**	**-**	**39.77**	**40.14**	**-.9**
Algeria	-	48.57	-	47.67	46.02	3.6
Egypt	46.67	-	-	45.97	45.59	.8
Other[2]	-	29.94	-	31.34	30.98	1.2
Total	**43.93**	**42.68**	**42.73**	**42.25**	**42.42**	**-.4**
U.S. Total[3]	**43.67**	**42.63**	**42.43**	**42.63**	**42.52**	**.2**

[1]Based on the U.S.–Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.
[2]Includes countries with exports less than or equal to 50,000 short tons in 1989.
[3]Average price of all coal exports in this category.
Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of $28 to $50 inclusively.
Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 6. Steam Coal Exports, December 1990
(Short Tons)

Continent and Country of Destination	December 1990	November 1990	December 1989	Year to Date 1990	Year to Date 1989	Percent Change
North America Total	**664,147**	**1,202,512**	**909,920**	**11,459,527**	**10,104,097**	**13.4**
Canada[1]	660,664	1,159,437	908,602	11,114,935	9,957,268	11.6
Jamaica	-	18,069	722	52,196	53,479	-2.4
Mexico	3,483	4,713	596	207,506	63,288	227.9
Other[2]	-	20,293	-	84,890	30,062	182.4
South America Total	**7,947**	**86**	**77,039**	**434,726**	**939,672**	**-53.7**
Argentina	-	-	-	-	337	-
Brazil	-	-	-	94,281	5,727	NM
Chile	54	-	75,673	301,847	914,205	-67.0
Other[2]	7,893	86	1,366	38,598	19,403	98.9
Europe Total	**1,693,139**	**1,767,096**	**1,505,714**	**21,691,878**	**16,733,931**	**29.6**
Belgium & Luxembourg	119,635	253,398	27,408	2,401,903	994,992	141.4
Bulgaria	-	-	48,626	39,065	48,626	-19.7
Denmark	185,519	263,237	306,519	3,132,329	3,049,537	2.7
Finland	-	-	-	-	1,555	-
France	-	-	230,129	1,917,645	1,675,643	14.4
Greece	-	-	-	579	213,420	-99.7
Ireland	197,853	78,398	92,025	1,457,655	1,078,350	35.2
Italy	759,228	128,584	271,807	4,917,467	4,577,725	7.4
Netherlands	231,545	629,032	398,113	4,393,174	2,938,393	49.5
Norway	-	6,140	-	67,811	48,530	39.7
Portugal	69,711	240,901	130,947	1,528,306	1,071,209	42.7
Romania	-	-	-	-	3,293	-
Spain	68	67,096	-	312,230	200,602	55.6
Sweden	-	-	-	23,150	204,028	-88.7
Turkey	-	-	-	16,643	203	NM
United Kingdom	129,580	89,336	140	1,087,880	321,470	238.4
West Germany	-	348	-	356,165	227,424	56.6
Yugoslavia	-	-	-	12,995	32,670	-60.2
Other[2]	-	10,626	-	26,881	46,261	-41.9
Asia Total	**557,977**	**807,011**	**685,946**	**8,004,012**	**7,112,890**	**12.5**
China (Taiwan)	209,781	497,445	254,642	4,210,914	3,696,641	13.9
Israel	-	-	-	584,208	338,481	72.6
Japan	278,026	227,821	287,125	2,293,578	2,396,777	-4.3
Korea, Republic of	70,170	81,639	144,179	793,062	673,645	17.7
Other[2]	-	106	-	122,250	7,346	NM
Oceania & Australia Total	**-**	**97**	**-**	**2,094**	**483**	**333.5**
Africa Total	**-**	**39,506**	**-**	**752,676**	**795,459**	**-5.4**
Egypt	-	-	-	430	-	-
Other[2]	-	39,506	-	752,246	795,459	-5.4
Total	**2,923,210**	**3,816,308**	**3,178,619**	**42,344,913**	**35,686,532**	**18.7**

[NM]Percent change calculation not meaningful as value is greater than 500.

[1]Based on the U.S.–Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

[2]Includes countries with exports less than or equal to 50,000 short tons in 1989.

Note: Total may not equal sum of components because of independent rounding. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 7. Average Price of Steam Coal Exports, December 1990
(Dollars per Short Ton)

Continent and Country of Destination	December 1990	November 1990	December 1989	Year to Date 1990	Year to Date 1989	Year to Date Percent Change
North America Total	**$29.01**	**$29.50**	**$39.94**	**$30.49**	**$39.50**	**-22.8**
Canada[1]	28.89	29.25	39.94	30.30	39.55	-23.4
Jamaica	-	30.57	39.92	30.57	30.73	-.5
Mexico	48.33	40.98	37.66	37.46	41.79	-10.4
Other[2]	-	36.37	-	36.39	35.39	2.8
South America Total	**34.50**	**34.33**	**30.41**	**37.16**	**30.27**	**22.8**
Argentina	-	-	-	-	34.99	-
Brazil	-	-	-	42.44	-	-
Chile	-	-	30.41	35.83	30.24	18.5
Other[2]	34.50	34.33	-	35.79	39.61	-9.6
Europe Total	**38.95**	**38.89**	**37.46**	**38.55**	**36.78**	**4.8**
Belgium & Luxembourg	35.53	38.81	31.32	37.64	33.58	12.1
Bulgaria	-	-	48.99	48.99	48.99	*
Denmark	32.79	33.82	35.89	34.37	33.20	3.5
Finland	-	-	-	-	45.02	-
France	-	-	34.09	37.07	34.76	6.7
Greece	-	-	-	39.99	36.29	10.2
Ireland	36.29	48.39	33.61	38.54	37.61	2.5
Italy	41.25	40.42	39.85	40.76	39.82	2.4
Netherlands	38.79	39.17	39.20	39.14	36.52	7.2
Norway	-	-	-	-	39.88	-
Portugal	39.69	40.33	35.87	39.96	39.22	1.9
Romania	-	-	-	-	38.78	-
Spain	41.12	34.02	-	34.92	34.13	2.3
Sweden	-	-	-	35.00	39.64	-11.7
Turkey	-	-	-	39.30	39.90	-1.5
United Kingdom	41.73	43.09	35.01	42.67	34.87	22.4
West Germany	-	40.80	-	35.27	35.68	-1.2
Yugoslavia	-	-	-	-	35.00	-
Other[2]	-	39.92	-	39.95	42.88	-6.8
Asia Total	**37.66**	**39.47**	**38.85**	**38.09**	**37.34**	**2.0**
China (Taiwan)	39.75	40.40	38.58	37.81	36.12	4.7
Israel	-	-	-	39.02	38.84	.5
Japan	35.50	37.26	39.36	37.80	38.86	-2.7
Korea, Republic of	39.92	39.92	38.34	39.63	37.98	4.4
Other[2]	-	40.86	-	38.91	37.27	4.4
Oceania & Australia Total	**-**	**40.97**	**-**	**36.60**	**34.98**	**4.7**
Africa Total	**-**	**29.94**	**-**	**31.34**	**30.90**	**1.4**
Egypt	-	-	-	35.91	-	-
Other[2]	-	29.94	-	31.34	30.90	1.4
Total	**36.75**	**36.52**	**38.27**	**36.28**	**37.35**	**-2.9**
U.S. Total[3]	**36.32**	**36.88**	**37.66**	**36.81**	**37.64**	**-2.2**

*For percentage calculations, the absolute value of the number is less than 0.05 percent.
[1]Based on the U.S.–Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.
[2]Includes countries with exports less than or equal to 50,000 short tons in 1989.
[3]Average price of all steam coal exports.
Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of $28 to $50 inclusively. Steam coal includes bituminous, subbituminous, lignite, and anthracite.
Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 8. Metallurgical Coal Exports, December 1990
(Short Tons)

Continent and Country of Destination	December 1990	November 1990	December 1989	Year to Date 1990	Year to Date 1989	Percent Change
North America Total	**139,259**	**487,852**	**537,582**	**4,399,381**	**6,838,406**	**-35.7**
Canada[1]	136,281	487,852	537,582	4,396,188	6,819,530	-35.5
Mexico	2,978	-	-	2,978	-	-
Other[2]	-	-	-	215	18,876	-98.9
South America Total	**742,491**	**524,494**	**432,644**	**6,467,532**	**6,444,774**	**.4**
Argentina	62,504	75,655	-	640,041	741,252	-13.7
Brazil	659,758	448,839	432,644	5,752,628	5,674,798	1.4
Chile	20,229	-	-	74,863	28,724	160.6
Europe Total	**2,605,135**	**3,070,029**	**2,935,052**	**36,690,459**	**34,870,332**	**5.2**
Albania	-	27,507	-	178,057	119,820	48.6
Belgium & Luxembourg	528,135	359,294	614,154	6,098,471	6,099,479	*
Bulgaria	-	-	47,823	48,890	47,823	2.2
Denmark	-	-	-	55,572	128,336	-56.7
Finland	-	-	-	95,259	102,123	-6.7
France	329,775	540,766	363,868	4,961,458	4,841,065	2.5
Ireland	-	-	-	-	169,224	-
Italy	553,986	525,508	742,925	7,029,107	6,661,857	5.5
Netherlands	269,369	450,049	176,287	3,975,382	3,137,606	26.7
Norway	11,506	-	9,117	109,289	92,788	17.8
Portugal	-	-	-	257,646	352,799	-27.0
Romania	64,524	69,162	326,910	1,718,132	1,558,420	10.2
Spain	439,926	234,326	250,110	3,479,028	3,138,890	10.8
Sweden	-	81,907	-	842,568	529,712	59.1
Turkey	-	283,725	155,064	2,100,649	1,686,191	24.6
United Kingdom	258,553	330,519	173,445	4,089,522	4,191,483	-2.4
West Germany	102,072	-	45,358	701,106	517,121	35.6
Yugoslavia	39,411	167,266	29,991	919,641	1,477,264	-37.7
Other[2]	7,878	-	-	30,682	18,331	67.4
Asia Total	**1,301,375**	**1,550,735**	**804,345**	**14,721,002**	**15,621,253**	**-5.8**
China (Taiwan)	-	-	106,437	393,536	800,368	-50.8
Israel	-	-	-	54,788	148,817	-63.2
Japan	809,263	1,254,598	540,515	11,043,976	11,449,165	-3.5
Korea, Republic of	492,112	296,137	157,393	3,205,965	3,162,452	1.4
Pakistan	-	-	-	-	60,451	-
Other[2]	-	-	-	22,737	-	-
Oceania & Australia Total	**510**	**-**	**-**	**510**	**-**	**-**
Africa Total	**101,348**	**171,752**	**-**	**1,180,092**	**1,353,369**	**-12.8**
Algeria	-	171,752	-	479,217	739,818	-35.2
Egypt	101,348	-	-	645,719	585,161	10.3
Other[2]	-	-	-	55,156	28,390	94.3
Total	**4,890,118**	**5,804,862**	**4,709,623**	**63,458,976**	**65,128,134**	**-2.6**

*For quantity data, the value of the number is less than 0.5 thousand short tons. For percentage calculations the absolute value of the number is less than 0.05 percent.

[1]Based on the U.S.–Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

[2]Includes countries with exports less than or equal to 50,000 short tons in 1989.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 9. Average Price of Metallurgical Coal Exports, December 1990
(Dollars per Short Ton)

Continent and Country of Destination	December 1990	November 1990	December 1989	Year to Date 1990	Year to Date 1989	Percent Change
North America Total	**$39.37**	**$39.97**	**$45.00**	**$37.93**	**$46.04**	**-17.6**
Canada[1]	39.28	39.97	45.00	37.93	46.06	-17.7
Mexico	43.67	-	-	43.67	-	-
Other[2]	-	-	-	49.93	36.38	37.3
South America Total	**47.48**	**47.36**	**45.74**	**46.84**	**45.54**	**2.9**
Argentina	47.78	45.92	-	45.80	44.54	2.8
Brazil	47.45	47.61	45.74	46.95	45.65	2.8
Chile	-	-	-	48.84	48.84	*
Europe Total	**48.65**	**47.85**	**45.74**	**47.29**	**45.18**	**4.7**
Albania	-	-	-	48.38	43.93	10.1
Belgium & Luxembourg	49.09	48.39	46.22	47.96	45.07	6.4
Bulgaria	-	-	49.90	49.44	49.90	-.9
Denmark	-	-	-	-	34.97	-
Finland	-	-	-	44.72	42.41	5.4
France	47.18	47.12	43.17	45.29	43.46	4.2
Ireland	-	-	-	-	36.20	-
Italy	48.55	48.23	46.34	47.70	46.20	3.2
Netherlands	47.44	48.25	46.93	47.12	44.83	5.1
Portugal	-	-	-	45.79	43.30	5.7
Romania	46.10	44.45	43.84	47.53	45.41	4.7
Spain	49.90	46.41	47.93	48.24	46.78	3.1
Sweden	-	48.15	-	48.61	46.84	3.8
Turkey	-	47.84	43.09	46.16	43.35	6.5
United Kingdom	49.75	49.41	47.83	48.49	46.44	4.4
West Germany	49.28	-	45.10	45.69	45.72	-.1
Yugoslavia	46.68	46.98	43.45	46.11	44.27	4.2
Other[2]	45.00	-	-	45.00	-	-
Asia Total	**48.17**	**45.00**	**45.52**	**46.18**	**44.36**	**4.1**
China (Taiwan)	-	-	46.84	47.48	45.50	4.3
Israel	-	-	-	43.64	39.92	9.3
Japan	48.10	44.15	44.77	45.60	43.83	4.1
Korea, Republic of	48.29	48.63	47.17	48.07	46.23	4.0
Africa Total	**46.67**	**48.57**	**-**	**46.67**	**45.56**	**2.4**
Algeria	-	48.57	-	47.67	46.02	3.6
Egypt	46.67	-	-	45.98	45.59	.8
Other[2]	-	-	-	-	33.11	-
Total	**48.04**	**46.40**	**45.62**	**46.29**	**45.11**	**2.6**
U.S. Total[3]	**48.07**	**46.42**	**45.65**	**46.51**	**45.19**	**2.9**

*For percentage calculations, the absolute value of the number is less than 0.05 percent.

[1]Based on the U.S.–Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.

[2]Includes countries with exports less than or equal to 50,000 short tons in 1989.

[3]Average price of all metallurgical coal exports.

Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of $28 to $50 inclusively.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 10. Coal Exports by Customs District, December 1990
(Short Tons)

Customs District	December 1990	November 1990	December 1989	Year to Date 1990	Year to Date 1989	Percent Change
Eastern Total	**5,376,494**	**5,904,362**	**4,291,458**	**66,159,542**	**60,406,334**	**9.5**
Boston, MA	-	-	-	54,033	-	-
Baltimore, MD	419,140	418,461	572,787	7,785,862	9,329,890	-16.5
Portland, ME	-	-	-	782	159	391.8
Buffalo, NY	125,403	2,709	5,021	503,075	48,258	NM
New York City, NY	54	10,925	87	17,283	1,790	NM
Ogdensburg, NY	1,621	12,938	762	53,936	9,954	441.9
Philadelphia, PA	29,713	432,311	108,134	3,236,809	2,496,670	29.6
Norfolk, VA	4,800,563	5,027,018	3,604,667	54,507,762	48,519,613	12.3
Southern Total	**1,497,322**	**1,920,055**	**1,824,259**	**21,987,523**	**20,719,684**	**6.1**
Mobile, AL	445,240	786,036	809,505	7,607,007	8,827,466	-13.8
Savannah, GA	194	-	-	194	725	-73.2
Miami, FL	-	335	193	1,270	11,159	-88.6
Tampa, FL	1,318	-	529	19,417	529	NM
New Orleans, LA	896,441	1,004,310	887,151	12,811,295	10,850,745	18.1
Wilmington, NC	-	-	-	-	70,417	-
Charleston, SC	134,025	103,408	126,384	1,192,771	834,728	42.9
Houston-Galveston, TX	16,695	21,321	-	154,108	76,531	101.4
Laredo, TX	3,409	4,645	497	201,461	47,384	325.2
Western Total	**268,961**	**294,357**	**338,675**	**3,009,421**	**3,154,739**	**-4.6**
Anchorage, AK	70,170	81,639	144,179	793,062	661,315	19.9
Nogales, AZ	-	-	-	2,673	-	-
Los Angeles, CA	162,839	155,289	187,846	1,935,812	2,301,403	-15.9
San Diego, CA	74	68	99	3,372	4,443	-24.1
San Francisco, CA	35,702	52,781	-	187,979	41,595	351.9
Great Falls, MT	-	-	-	131	98	33.7
Portland, OR	-	-	-	3,989	576	NM
Seattle, WA	176	4,580	6,551	82,403	145,309	-43.3
Northern Total	**669,396**	**1,500,930**	**1,433,850**	**14,622,195**	**16,533,909**	**-11.6**
Chicago, IL	-	-	-	47,242	-	-
Detroit, MI	276,494	239,694	3,022	3,901,244	44,562	NM
Duluth, MN	30,097	84,111	90,943	503,787	283,246	77.9
Pembina, ND	-	197	93	284	15,009	-98.1
Cleveland, OH	362,805	1,176,928	1,339,792	10,073,253	16,191,092	-37.8
Milwaukee, WI	-	-	-	96,385	-	-
Total	**7,813,328**	**9,621,170**	**7,888,242**	**105,803,889**	**100,814,666**	**4.9**

[NM]Percent change calculation not meaningful as value is greater than 500.
Note: Total may not equal sum of components because of independent rounding.
Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 11. Coke Exports, December 1990
(Short Tons)

Continent and Country of Destination	December 1990	November 1990	December 1989	Year to Date 1990	Year to Date 1989	Percent Change
North America Total	**7,177**	**125,919**	**123,035**	**471,138**	**801,769**	**-41.2**
Canada[1]	3,723	121,108	106,184	375,761	644,145	-41.7
Mexico	3,268	4,740	16,826	94,092	156,588	-39.9
Other[2]	186	71	25	1,285	1,036	24.0
South America Total	**-**	**-**	**-**	**56,758**	**99,422**	**-42.9**
Venezuela	-	-	-	44,782	77,110	-41.9
Other[2]	-	-	-	11,976	22,312	-46.3
Europe Total	**-**	**4,708**	**11,423**	**44,203**	**88,251**	**-49.9**
Asia Total	**-**	**-**	**-**	**31**	**95,968**	**-100.0**
Japan	-	-	-	31	71,756	-100.0
Other[2]	-	-	-	-	24,212	-
Total	**7,177**	**130,627**	**134,458**	**572,130**	**1,085,410**	**-47.3**

[1]Based on the U.S.–Canada Free Trade Agreement, as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government. For this reason the quantity and value for coal (metallurgical and steam) and the quantity for coke are no longer strictly comparable to the historical U.S. series.
[2]Includes countries with exports less than or equal to 50,000 short tons in 1989.
Note: Total may not equal sum of components because of independent rounding.
Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 12. Coal Imports, December 1990
(Short Tons)

Continent and Country of Origin	December 1990	November 1990	December 1989	Year to Date 1990	Year to Date 1989	Percent Change
North America Total	**95,364**	**76,089**	**82,051**	**979,220**	**1,061,668**	**-7.8**
Canada	95,364	76,089	79,136	973,016	1,004,371	-3.1
Mexico	-	-	2,915	6,204	57,297	-89.2
South America Total	**172,270**	**148,315**	**186,302**	**1,690,987**	**1,695,495**	**-.3**
Argentina	-	-	-	-	265	-
Colombia	143,413	148,315	159,422	1,428,147	1,338,562	6.7
Venezuela	28,857	-	26,880	262,840	356,668	-26.3
Europe Total	**1**	**-**	**-**	**5,392**	**11,539**	**-53.3**
Denmark	-	-	-	130	-	-
France	-	-	-	-	10	-
Netherlands	-	-	-	-	11,198	-
	-	-	-	46	-	-
	-	-	-	5,215	-	-
	1	-	-	1	331	-99.7
	-	-	-	2	47,786	-100.0
	-	-	-	-	47,694	-
	-	-	-	-	41	-
	-	-	-	2	-	-
	-	-	-	-	51	-
Total	**-**	**-**	**34,645**	**23,794**	**34,645**	**-31.3**
	-	-	34,645	23,794	34,645	-31.3
	267,635	**224,404**	**302,998**	**2,699,395**	**2,851,133**	**-5.3**

)t equal sum of components because of independent rounding.
the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 13. Average Price of Coal Imports, December 1990
(Dollars per Short Ton)

Continent and Country of Origin	December 1990	November 1990	December 1989	Year to Date 1990	Year to Date 1989	Year to Date Percent Change
North America Total	**$23.67**	**$23.87**	**$23.67**	**$24.55**	**$26.07**	**-5.8**
Canada	23.67	23.87	23.05	24.45	25.73	-5.0
Mexico	-	-	35.06	38.36	31.26	22.7
South America Total	**37.56**	**36.14**	**36.41**	**37.59**	**35.06**	**7.2**
Colombia	35.57	36.14	36.14	36.87	35.49	3.9
Venezuela	47.49	-	37.98	41.50	33.48	24.0
Europe Total	**-**	**-**	**-**	**37.17**	**44.34**	**-16.2**
Denmark	-	-	-	36.35	-	-
Netherlands	-	-	-	-	44.34	-
United Kingdom	-	-	-	37.19	-	-
Oceania & Australia Total	**-**	**-**	**34.44**	**41.73**	**34.44**	**21.2**
Australia	-	-	34.44	41.73	34.44	21.2
Total	**32.78**	**32.14**	**33.55**	**33.43**	**31.97**	**4.6**
U.S. Total[1]	**33.40**	**32.86**	**35.09**	**34.45**	**34.14**	**.9**

[1]Average price of all coal imports.
Note: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal imports and fall within the range of $20 to $50 inclusively.
Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 14. Coal Imports by Customs District, December 1990
(Short Tons)

Customs District	December 1990	November 1990	December 1989	Year to Date 1990	Year to Date 1989	Year to Date Percent Change
Eastern Total	**28,858**	**72,670**	**33,919**	**351,348**	**461,348**	**-23.8**
Boston, MA	-	39,918	-	139,771	27,669	405.2
Baltimore, MD	-	-	-	-	258,615	-
Portland, ME	28,857	-	-	143,868	33	NM
Buffalo, NY	-	-	-	69	26,849	-99.7
New York City, NY	1	-	-	1	41	-97.6
Ogdensburg, NY	-	-	19	45	219	-79.5
Philadelphia, PA	-	32,752	33,900	67,594	147,922	-54.3
Southern Total	**143,413**	**75,645**	**155,317**	**1,384,974**	**1,363,389**	**1.6**
Mobile, AL	-	-	-	-	34,004	-
Tampa, FL	143,413	41,253	118,230	1,058,354	900,188	17.6
New Orleans, LA	-	-	-	-	28,660	-
Wilmington, NC	-	-	-	46	-	-
San Juan, PR	-	34,392	34,172	234,989	328,849	-28.5
Houston-Galveston, TX	-	-	-	5,215	15,910	-67.2
Laredo, TX	-	-	2,915	6,204	55,778	-88.9
Virgin Islands	-	-	-	80,166	-	-
Western Total	**2,394**	**2,206**	**39,005**	**96,480**	**169,054**	**-42.9**
Los Angeles, CA	-	-	-	2	-	-
San Diego, CA	-	-	-	-	19	-
San Francisco, CA	-	-	-	-	47,745	-
Honolulu, HI	-	-	34,645	23,794	34,645	-31.3
Great Falls, MT	2,394	2,206	1,060	42,017	75,579	-44.4
Seattle, WA	-	-	3,300	30,667	11,066	177.1
Northern Total	**92,970**	**73,883**	**74,757**	**866,593**	**857,342**	**1.1**
Chicago, IL	29,825	29,490	22,369	316,534	476,060	-33.5
Duluth, MN	-	-	-	-	431	-
Pembina, ND	63,145	44,393	52,388	550,059	364,237	51.0
Cleveland, OH	-	-	-	-	16,614	-
Total	**267,635**	**224,404**	**302,998**	**2,699,395**	**2,851,133**	**-5.3**

[NM]Percent change calculation not meaningful as value is greater than 500.
Note: Total may not equal sum of components because of independent rounding.
Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 15. Coke Imports, December 1990
(Short Tons)

Continent and Country of Origin	December 1990	November 1990	December 1989	Year to Date 1990	Year to Date 1989	Percent Change
North America Total	**904**	**1,272**	**10,603**	**166,271**	**230,478**	**-27.9**
Canada	904	1,272	1,608	144,484	206,785	-30.1
Mexico	-	-	8,995	21,787	23,693	-8.0
Europe Total	**-**	**-**	**43,919**	**39,572**	**862,363**	**-95.4**
Belgium & Luxembourg	-	-	-	-	98,283	-
France	-	-	-	-	36,872	-
Italy	-	-	17,415	39,572	17,415	127.2
Netherlands	-	-	-	-	17,244	-
Poland	-	-	-	-	118,656	-
United Kingdom	-	-	-	-	56,201	-
West Germany	-	-	26,504	-	469,845	-
Yugoslavia	-	-	-	-	47,847	-
Asia Total	**39,906**	**47,232**	**-**	**336,841**	**754,688**	**-55.4**
China (Mainland)	-	-	-	-	67,054	-
Japan	39,906	47,232	-	336,841	687,634	-51.0
Oceania & Australia Total	**-**	**40,084**	**-**	**222,092**	**463,851**	**-52.1**
Australia	-	40,084	-	222,092	463,851	-52.1
Total	**40,810**	**88,588**	**54,522**	**764,776**	**2,311,380**	**-66.9**

Note: Total may not equal sum of components because of independent rounding.
Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

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